

Franck Laloë

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

714
citations

933410

10
h-index

940516

16
g-index

65
all docs

65
docs citations

65
times ranked

415
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Transition Temperature of the Dilute Interacting Bose Gas. Physical Review Letters, 1999, 83, 1703-1706. | 7.8 | 202 |
| 2 | Superfluid transition of homogeneous and trapped two-dimensional Bose gases. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1476-1481. | 7.1 | 66 |
| 3 | Heating of trapped ultracold atoms by collapse dynamics. Physical Review A, 2014, 90, . | 2.5 | 61 |
| 4 | Nonanalytic Dependence of the Transition Temperature of the Homogeneous Dilute Bose Gas on Scattering Length. Physical Review Letters, 2001, 87, 120403. | 7.8 | 59 |
| 5 | Étude d'une nouvelle méthode permettant d'orienter, par pompage optique, des niveaux atomiques excités. Application à la mesure de la structure hyperfine de niveaux 1D de ^3He . Journal De Physique, 1970, 31, 173-194. | 1.8 | 51 |
| 6 | New Value for the Metastability Exchange Cross Section in Helium. Physical Review Letters, 1971, 27, 467-470. | 7.8 | 39 |
| 7 | Bose-Einstein transition temperature in a dilute repulsive gas. Comptes Rendus Physique, 2004, 5, 21-37. | 0.9 | 29 |
| 8 | Bibliometric evaluation of individual researchers: not even right... not even wrong!. Europhysics News, 2009, 40, 26-29. | 0.3 | 16 |
| 9 | Étude des signaux de détection lumineuse dans une expérience de pompage optique. Orientation dans une charge de niveaux atomiques excités. Annales De Physique, 1971, 14, 5-69. | 0.2 | 15 |
| 10 | Statistical Estimation of Mechanical Parameters of Clarinet Reeds Using Experimental and Numerical Approaches. Acta Acustica United With Acustica, 2014, 100, 555-573. | 0.8 | 13 |
| 11 | The Effects of Spin in Gases. Scientific American, 1988, 258, 94-101. | 1.0 | 9 |
| 12 | Modified Schrödinger dynamics with attractive densities. European Physical Journal D, 2015, 69, 1. | 1.3 | 5 |
| 13 | Liquefaction of Highly Polarized ^3He . Japanese Journal of Applied Physics, 1987, 26, 205. | 1.5 | 2 |
| 14 | L'évaluation bibliométrique des chercheurs : même pas juste! même pas fausse !. , 2009, , 23-24. | 0.1 | 2 |
| 15 | Lifetime of digital media: is optics the solution?. , 2010, , . | | 1 |
| 16 | Applications of quantum entanglement. , 0, , 150-167. | | 1 |
| 17 | A model of quantum collapse induced by gravity. European Physical Journal D, 2020, 74, 1. | 1.3 | 1 |
| 18 | Heat Conduction Changes in Spin-Polarized Gaseous ^3He . Japanese Journal of Applied Physics, 1987, 26, 213. | 1.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Jean Brossel (1918–2003). <i>Nature</i> , 2003, 422, 274-274. | 27.8 | 0 |
| 20 | Bell theorem. , 0, , 56-99. | | 0 |
| 21 | Present situation, remaining conceptual difficulties. , 0, , 17-37. | | 0 |
| 22 | Experiments: quantum reduction seen in real time. , 0, , 195-210. | | 0 |
| 23 | Various interpretations. , 0, , 211-303. | | 0 |
| 24 | Angular momentum conservation in measurements on spin Bose-Einstein condensates. <i>European Physical Journal D</i> , 2014, 68, 1. | 1.3 | 0 |
| 25 | The Pilot-Wave Theory: Problems and Difficulties. <i>The Frontiers Collection</i> , 2017, , 165-193. | 0.2 | 0 |
| 26 | Present Situation, Remaining Conceptual Difficulties. , 2019, , 21-48. | | 0 |
| 27 | The Theorem of Einstein, Podolsky, and Rosen. , 2019, , 49-72. | | 0 |
| 28 | Bell Theorem. , 2019, , 73-116. | | 0 |
| 29 | Other Inequalities, Cirelson's Limit, Signaling. , 2019, , 117-152. | | 0 |
| 30 | More Theorems. , 2019, , 153-188. | | 0 |
| 31 | Quantum Entanglement. , 2019, , 189-222. | | 0 |
| 32 | Applications of Quantum Entanglement. , 2019, , 223-242. | | 0 |
| 33 | Quantum Measurement. , 2019, , 243-274. | | 0 |
| 34 | Experiments: Quantum Reduction Seen in Real Time. , 2019, , 275-292. | | 0 |
| 35 | Various Interpretations and Reconstructions of Quantum Mechanics. , 2019, , 293-404. | | 0 |
| 36 | Annex: Basic Mathematical Tools of Quantum Mechanics. , 2019, , 409-432. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | SÃ©ance VI. La thÃ©orie de lâ€™onde piloteÂ: problÃ©mes et difficultÃ©s. , 2014, , 261. | | 0 |
| 38 | SÃ©ance V. La thÃ©orie de lâ€™onde pilote de Louis de Broglie et David Bohm. , 2014, , 211. | | 0 |
| 39 | The Pilot Wave Theory of Louis de Broglie and David Bohm. The Frontiers Collection, 2017, , 127-164. | 0.2 | 0 |